

**Table C-90. Federal outlays for research and development and for R&D plant, by agency:
fiscal years 1976-86**

[Dollars in millions]

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Agency and subdivision	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total, all agencies	21,020.9	22,882.9	25,127.9	27,041.0	30,635.8	34,065.9	35,766.8	37,959.4	41,330.1	45,860.3	52,090.3
Departments:											
Dept of Agriculture, total	468.8	537.8	572.4	630.5	687.6	782.5	828.4	858.8	893.5	923.2	953.0
Agricultural Cooperative Svc	NA	NA	NA	NA	1.6	1.3	1.7	2.1	2.2	2.9	2.6
Agricultural Marketing Svc ¹ .....	.0	.0	.0	.9	1.3	1.2	1.5	.6	1.7	1.3	1.7
Agricultural Research Svc	NA	NA	NA	NA	NA	425.9	436.1	469.4	479.3	492.9	500.5
Animal & Plant Health Inspection Service	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
Cooperative State Rsch, Ed, & Extension Service	NA	NA	NA	NA	NA	199.0	219.8	220.4	239.5	243.6	256.5
Economic Research Service	NA	NA	NA	NA	NA	38.0	37.0	36.8	40.9	45.1	46.0
Economics, Statistics, & Cooperative Svc, total ²	26.9	30.5	32.4	35.6	NA	NA	NA	NA	NA	NA	NA
Economic Research Service	23.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Farmer Cooperative Service	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Statistical Reporting Svc	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Economics & Statistics Svc ³	NA	NA	NA	NA	31.1	NA	NA	NA	NA	NA	NA
Forest Service	90.3	92.5	86.7	105.7	100.6	101.8	116.0	111.1	109.2	113.8	113.5
Grain Inspection Packers & Stockyards Administration .....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.0
Human Nutrition Information Service	NA	NA	NA	NA	NA	.0	3.8	5.8	7.9	7.2	10.6
National Agricultural Statistics Service .....	.0	NA	NA	NA	NA	7.5	7.0	7.6	8.2	8.4	8.0
Office of International Cooperation & Development	NA	NA	NA	.0	6.4	6.9	4.6	4.1	3.6	5.8	7.5
Office of Transportation	NA	NA	NA	.5	.8	.9	.9	.8	1.0	1.3	1.0
Science & Ed Admin, total	351.7	414.7	453.3	487.8	545.8	NA	NA	NA	NA	NA	NA
Agricultural Research Svc	247.4	294.6	318.4	331.2	371.6	NA	NA	NA	NA	NA	NA
Cooperative State Rsch Svc	104.2	120.2	134.9	156.6	174.2	NA	NA	NA	NA	NA	NA
Nat'l Agricultural Library	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Department of Commerce, total	233.3	238.2	272.7	307.1	360.6	346.8	286.5	335.2	336.3	377.8	380.1
Bureau of the Census	2.5	2.5	3.3	2.7	3.2	3.8	3.7	4.3	4.4	4.8	4.6
Economic Development Admin	13.6	20.0	25.1	26.7	35.5	35.5	12.1	5.3	5.1	7.8	7.8
Maritime Administration ⁴	24.4	18.8	18.8	18.7	24.1	NA	NA	NA	NA	NA	NA
Minority Business Dvlpmnt Agcy	3.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
National Fire Prevention & Control Administration ⁵	4.6	6.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
National Institute of Standards & Technology	49.1	53.1	59.0	64.8	77.1	84.4	87.6	94.0	103.3	106.5	109.2
National Oceanic & Atmospheric Administration	134.5	132.6	164.7	190.1	210.6	209.0	174.1	222.0	214.7	249.1	248.7
National Telecommunications & Information Administration	NA	2.5	1.3	3.3	9.1	12.9	8.0	9.6	8.6	9.0	8.5
Office of the Secretary .....	.0	.0	.0	.3	.6	.1	.2	-	.1	.6	1.2
Office of Telecommunications	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Patent & Trademark Office .....	.4	.5	.5	.5	.5	1.1	.7	.0	.0	.0	.0
Department of Defense, total	9,445.5	10,308.0	10,935.4	11,733.1	13,706.1	15,993.0	18,482.9	21,373.5	22,999.4	27,143.7	32,491.1
Department of the Army	1,969.6	2,195.0	2,464.3	2,536.2	2,852.9	3,123.7	3,414.4	3,848.5	4,017.4	4,230.0	4,278.5
Department of the Navy	3,320.1	3,582.6	3,919.4	3,926.4	4,507.9	4,916.9	5,394.7	6,023.5	6,859.8	8,304.9	9,939.8
Department of the Air Force	3,625.2	3,902.2	3,969.9	4,428.0	5,323.6	6,756.6	8,209.1	9,640.9	10,849.7	12,263.7	14,133.1
Defense Agencies	507.5	610.5	555.1	814.2	981.4	1,160.0	1,420.0	1,817.3	1,217.8	2,290.0	4,068.2
Defense Civil Preparedness Agency ⁶	2.2	1.2	2.9	NA	NA	NA	NA	NA	NA	NA	NA
Test & Evaluation, Deputy Under Secretary of Defense	20.9	16.5	23.9	28.3	40.4	35.7	44.8	43.3	54.7	55.1	71.6

See explanatory information, if any, and SOURCE at end of table.

**Table C-90. Federal outlays for research and development and for R&D plant, by agency:
fiscal years 1976-86**

[Dollars in millions]

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Agency and subdivision	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Department of Education ⁷	NA	NA	NA	136.5	120.9	.0	150.1	111.5	181.3	95.7	125.3
Department of Energy ^{8 9}	NA	3,593.1	4,413.0	4,956.8	5,660.2	6,125.9	5,785.4	5,641.9	5,656.4	5,803.0	5,381.7
Department of Health, Education, & Welfare, total	2,615.0	2,622.2	3,070.2	NA	NA	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	145.1	167.2	179.9	NA	NA	NA	NA	NA	NA	NA	NA
Center for Disease Control	37.1	42.6	58.3	NA	NA	NA	NA	NA	NA	NA	NA
Food & Drug Administration	19.0	28.6	56.0	NA	NA	NA	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	30.0	14.2	NA	NA	NA	NA	NA	NA	NA	NA
Health Resources Admin	24.7	1.4	6.7	NA	NA	NA	NA	NA	NA	NA	NA
Health Services Admin	11.3	15.6	15.7	NA	NA	NA	NA	NA	NA	NA	NA
National Inst of Education	69.8	59.7	74.8	NA	NA	NA	NA	NA	NA	NA	NA
National Insts of Health	2,118.4	2,105.0	2,507.1	NA	NA	NA	NA	NA	NA	NA	NA
Office of Assistant Secretary for Education	1.5	1.7	1.1	NA	NA	NA	NA	NA	NA	NA	NA
Office of Assistant Secretary for Health .....	.0	28.1	13.3	NA	NA	NA	NA	NA	NA	NA	NA
Office of Education	56.8	30.3	25.8	NA	NA	NA	NA	NA	NA	NA	NA
Office of Human Dvlpmnt Svcs	61.4	80.0	75.3	NA	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	32.5	21.3	30.2	NA	NA	NA	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	18.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Social Security Admin	18.9	10.9	11.9	NA	NA	NA	NA	NA	NA	NA	NA
Department of Health & Human Services, total	NA	NA	NA	3,172.7	3,554.1	3,997.5	4,052.1	4,118.6	4,484.9	5,049.6	5,531.4
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	184.7	218.1	251.1	292.0	289.8	276.1	349.8	396.6
Centers for Disease Control & Prevention	NA	NA	NA	72.4	72.6	83.0	88.4	80.4	46.3	47.6	52.7
Food & Drug Administration	NA	NA	NA	40.6	61.0	57.6	59.4	75.6	86.9	96.2	89.1
Health Care Financing Admin	NA	NA	NA	19.5	29.4	35.4	29.1	30.2	33.1	33.5	28.1
Health Resources Admin	NA	NA	NA	3.2	2.8	3.7	NA	NA	NA	NA	NA
Hlth Resources & Svcs Admin	NA	NA	NA	NA	NA	NA	17.5	16.3	13.4	16.0	13.0
Health Services Admin	NA	NA	NA	23.1	20.2	16.9	NA	NA	NA	NA	NA
Human Development Services	NA	NA	NA	57.1	48.5	85.5	33.0	22.3	15.4	21.4	52.0
National Insts of Health	NA	NA	NA	2,713.4	3,029.3	3,392.2	3,475.0	3,562.9	3,981.1	4,446.3	4,867.2
Office of the Assistant Secretary for Health	NA	NA	NA	14.7	27.0	37.2	29.0	16.9	11.5	15.8	21.6
Office of the Secretary	NA	NA	NA	26.5	24.0	19.5	13.4	14.4	10.4	9.6	6.1
Social Security Admin	NA	NA	NA	17.4	21.4	15.4	15.4	9.6	10.7	13.3	5.0
Dept of Housing & Urban Dvlpmnt ...	60.3	69.0	59.3	74.3	65.8	54.1	37.0	30.9	24.9	18.6	13.9
Dept of the Interior, total	319.7	304.0	339.9	404.3	431.5	436.9	394.9	412.7	435.9	417.0	445.4
Bonneville Power Admin ⁹	8.3	.0	.0	.0	.0	14.0	NA	NA	NA	NA	NA
Bureau of Land Management .....	.7	.9	1.2	1.3	1.7	1.9	5.3	3.9	3.8	4.4	3.4
Bureau of Mines	113.7	103.7	104.2	121.4	130.8	109.0	105.2	102.0	111.4	100.4	131.0
Bureau of Reclamation	8.7	10.1	10.9	11.0	13.1	13.4	10.7	11.1	10.1	10.5	12.0
Geological Survey ¹⁰	115.7	112.2	128.7	144.2	145.2	168.2	150.1	171.4	228.4	230.8	226.5
Heritage Conservation & Recreation Service	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Minerals Management Service ...	NA	NA	NA	NA	NA	NA	.0	1.3	1.5	1.5	1.1
National Park Service	9.3	7.6	7.7	8.9	8.2	10.4	11.2	13.7	14.0	15.0	17.3
Office of the Secretary .....	.7	1.0	2.1	1.5	1.9	2.0	.4	1.3	.6	.3	.6
Office of Surface Mining Reclamation & Enforcement ...	NA	.0	.0	5.0	7.8	5.8	1.4	1.5	.8	2.0	2.3
Office of Water Rsch & Tech ¹⁰	19.0	14.2	17.6	23.8	30.0	21.8	20.3	8.3	2.6	NA	NA
US Fish & Wildlife Svc	43.6	54.2	67.5	87.3	93.0	90.5	90.4	98.3	62.8	52.1	51.2
Department of Justice, total	39.9	33.7	33.5	45.9	45.3	26.1	36.6	27.6	26.5	32.7	32.1
Bureau of Prisons .....	.7	1.0	1.8	3.3	2.1	2.5	1.7	1.7	1.6	1.5	3.0
Drug Enforcement Admin	2.6	3.8	1.7	2.7	4.4	1.2	2.7	2.5	2.0	1.6	2.5
Federal Bureau of Investigation	1.4	1.1	.9	2.5	1.8	1.5	1.1	1.9	2.5	8.9	6.9
Immigration & Naturalization Service .....	.0	.2	.3	.3	.3	1.0	.3	.2	.6	.4	.4
Office of Justice Programs	35.2	27.6	27.1	35.5	35.1	19.2	30.4	21.1	19.6	20.1	19.2
Office of Legal Policy0	.0	1.6	1.6	1.6	.7	.4	.2	.3	.2	.2

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[Dollars in millions]

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Agency and subdivision	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Department of Labor, total	27.8	28.1	97.6	109.2	137.7	61.6	29.4	16.8	14.1	13.7	10.9
Bureau of Labor Statistics	1.3	1.4	1.2	.9	.9	.3	.3	.7	.5	.6	.6
Employment Standards Admin	4.1	4.3	3.6	5.1	4.7	3.0	1.3	1.3	1.3	-	.0
Employment & Training Admin	17.5	16.8	86.6	93.0	121.7	52.1	20.2	6.0	3.5	4.5	3.4
Labor-Management Relations & Cooperative Programs ¹¹	NA	NA	NA	NA	NA	NA	NA	NA	.3	.3	.2
Labor-Management Services Administration ¹¹ .....	.7	1.9	2.7	3.5	2.8	1.7	.7	.9	NA	NA	NA
Occupational Safety & Health Administration	2.9	3.4	1.3	5.1	6.3	3.0	4.9	5.3	5.1	4.5	3.6
Office of the Secretary	1.2	.2	2.2	1.6	1.3	1.0	.9	1.5	1.9	2.6	2.1
Pension Benefit Guaranty Corp ..	NA	NA	NA	NA	NA	.5	1.1	1.1	.3	.2	.1
Pension & Welfare Benefits Administration	NA	NA	NA	NA	NA	NA	NA	NA	1.2	1.1	.9
Department of State, total ¹²	27.0	44.1	57.5	3.2	2.2	1.8	1.5	1.5	1.6	1.5	1.5
Agcy for Internat'l Dvlpmt ¹²	25.4	41.8	54.6	NA	NA	NA	NA	NA	NA	NA	NA
Departmental Funds	1.6	2.3	2.8	3.2	2.2	1.8	.0	.0	.0	.0	.0
Dept of Transportation, total	335.7	363.5	377.3	372.4	391.0	432.1	360.0	282.3	357.5	430.2	445.2
Coast Guard	17.8	17.0	20.3	20.5	17.9	25.9	20.0	19.6	19.5	19.0	16.7
Federal Aviation Admin	114.6	102.8	100.2	111.4	109.7	125.9	110.9	99.5	167.5	283.7	317.6
Federal Highway Admin	42.9	53.0	52.9	48.9	53.4	59.1	42.5	32.5	51.1	47.5	46.1
Federal Railroad Admin	48.5	57.3	62.4	58.0	63.5	55.0	25.6	18.5	14.7	16.2	15.4
Federal Transit Admin	48.2	52.1	52.5	50.5	58.9	61.9	69.8	36.5	31.2	18.6	8.8
Maritime Administration ⁴	NA	NA	NA	NA	NA	17.4	18.9	13.5	11.1	10.2	14.1
National Highway Traffic Safety Administration	33.8	49.5	68.5	53.6	60.3	60.8	60.2	51.1	53.2	28.0	19.1
Office of the Secretary	29.9	31.8	19.7	16.7	14.9	13.9	5.6	4.0	5.0	4.7	5.2
Rsch & Special Programs Administration	NA	.0	.8	12.8	12.4	12.3	6.5	7.1	4.2	2.4	2.3
Dept of the Treasury, total	3.8	5.0	9.9	9.6	10.9	10.8	13.6	15.6	13.6	24.3	23.0
Bureau of Alcohol, Tobacco, & Firearms .....	.0	1.1	2.0	2.5	1.6	.3	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	2.8	2.5	3.7	2.1	2.3	2.7	4.8	3.9	3.6	5.0	4.2
Internal Revenue Service .....	.0	.0	2.4	3.6	4.0	4.2	5.4	8.0	7.9	15.9	13.4
United States Customs Svc	1.1	1.4	1.8	1.4	3.0	3.5	3.2	3.4	1.9	2.3	4.9
United States Mint .....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	-
United States Secret Service	NA	NA	NA	NA	-	.1	.3	.4	.2	.6	.5
Department of Veterans Affairs	109.5	112.8	123.9	123.1	138.6	144.3	140.7	164.7	193.6	222.7	185.1
Other agencies:											
ACTION .....	.1	.4	1.6	1.6	.0	.0	.0	.0	.0	.0	.0
Advisory Commission on Intergovernmental Relations	1.0	1.3	1.5	1.7	1.7	1.9	1.8	1.9	2.1	2.0	2.0
Appalachian Regional Comm .....	.7	.6	.5	.9	.8	.4	.4	.2	.4	.2	.2
Civil Service Commission	4.0	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
Community Services Admin	10.0	21.0	24.1	19.5	25.5	26.2	NA	NA	NA	NA	NA
Consumer Product Safety Comm ..	3.8	6.8	4.2	5.8	6.3	.9	.2	.5	1.2	2.2	2.0
Energy Rsch & Dvlpmt Admin ⁸	2,553.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agcy	265.6	283.0	312.5	388.9	384.7	344.3	336.2	312.5	266.1	274.8	306.9
Federal Communications Comm	1.1	1.9	2.4	1.9	3.1	1.6	1.2	1.3	.9	1.1	.9
Federal Emergency Management Agency, total ^{6 5}	NA	NA	6.8	12.0	11.2	11.6	8.8	3.2	10.9	4.6	.0
National Fire Prevention & Control Administration ⁵	NA	NA	6.8	.0	.0	.0	.0	.0	.0	.0	.0
Federal Energy Administration	3.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Federal Trade Commission .....	.9	1.1	1.4	1.5	3.2	1.1	1.2	1.4	1.6	1.7	1.8
Foundation for Educational Assistance ⁷	NA	NA	NA	NA	NA	111.8	NA	NA	NA	NA	NA
General Services Admin ¹³	1.2	.9	2.7	.5	.2	.6	1.0	.5	2.4	.4	1.9

See explanatory information, if any, and SOURCE at end of table.

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fiscal years 1976-86**

[Dollars in millions]

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Agency and subdivision	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
International Development											
Cooperation Agcy, total ¹²	NA	NA	NA	80.3	114.3	166.1	188.6	225.2	207.2	233.0	255.5
Agcy for Internat'l Dvlpmt ¹²	NA	NA	NA	80.3	114.3	166.1	188.6	225.2	207.2	233.0	255.5
Interstate Commerce Comm	0.1	0.1	0.3	.2	.1	.0	.0	.0	.0	.0	.0
Library of Congress	2.9	3.6	4.7	5.4	6.5	5.1	5.4	6.7	7.2	6.3	6.9
National Aeronautics & Space Administration	3,669.0	3,449.1	3,432.1	3,395.2	3,605.7	3,705.5	3,252.9	2,646.2	3,730.6	3,217.1	3,730.6
National Archives & Records Administration ¹³	NA	NA	NA	NA	NA	NA	NA	NA	NA	.5	1.0
National Science Foundation	669.1	674.7	738.6	804.6	848.2	905.0	1,015.1	994.7	1,151.0	1,250.0	1,468.1
Nuclear Regulatory Commission	76.9	107.8	131.7	145.4	182.8	216.0	208.6	244.0	198.6	161.1	136.0
Office of Personnel Management	NA	NA	4.5	6.0	6.8	8.1	.0	.0	.0	.0	.0
Office of Telecommunications Policy	4.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision .....	.8	1.7	1.0	.9	1.2	1.0	2.7	3.0	2.6	2.8	3.3
Small Business Administration .....	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
Smithsonian Institution	27.6	30.1	34.7	37.8	39.5	43.9	48.4	57.3	55.2	59.8	64.0
Tennessee Valley Authority	34.4	30.2	53.4	45.4	75.3	94.3	89.5	63.7	66.3	81.0	79.5
United States Arms Control & Disarmament Agency	1.8	2.2	3.6	3.5	3.8	2.4	1.9	1.0	1.3	1.1	.9
US Information Agency ¹⁴ .....	.1	.1	.1	.1	.1	1.2	-	-	-	1.1	2.4
US Internat'l Trade Comm	1.5	2.6	3.1	3.4	2.1	3.4	3.8	4.7	5.0	5.8	6.9

- 1 Although the Agricultural Marketing Service was established in April 1972, fiscal year 1979 was the first year in which Congress appropriated funds to this agency.
- 2 Data reported for the Economics, Statistics, & Cooperative Service include programs of the Economic Research Service, the Statistical Reporting Service, and the Farmer Cooperative Service for fiscal years 1977-79.
- 3 Data reported for the Economics & Statistics Service include programs of the Economic Research Service and the Statistical Reporting Service for fiscal year 1980.
- 4 In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.
- 5 Functions for the National Fire Prevention & Control Administration transferred from the Department of Commerce to the Federal Emergency Management Agency as of Apr. 1, 1979.
- 6 Functions for the Defense Civil Preparedness Agency transferred from the Department of Defense to the Federal Emergency Management Agency on July 20, 1979.
- 7 The 1983 Budget of the United States Government proposed that the Department of Education be replaced by the Foundation for Educational Assistance.
- 8 In 1977 the Energy Research & Development Administration became part of the Department of Energy.
- 9 In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.
- 10 As of 1985 the Office of Water Research & Technology has been combined with the Geological Survey.
- 11 In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations & Cooperative Programs.
- 12 The Agency for International Development transferred from the Department of State to the International Development Cooperative Agency on Oct. 1, 1979.
- 13 As of 1985 the National Archives & Records Administration is separate from the General Services Administration.
- 14 Data reported for the United States Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: - = Amount less than 50 thousand dollars
NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table C-90a. Federal outlays for research and development and for R&D plant, by agency:
fiscal years 1987-97**

[Dollars in millions]

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Agency and subdivision	1987	1988	1989	1990	1991	1992	1993	1994	1995	Preliminary	
										1996	1997
Total, all agencies	53,214.2	56,556.6	61,476.4	64,151.1	63,676.4	65,719.0	68,385.8	68,335.9	68,410.0	69,180.0	70,118.4
Departments:											
Dept of Agriculture, total	994.0	1,049.7	1,129.8	1,196.7	1,269.4	1,382.8	1,453.4	1,486.6	1,503.8	1,512.2	1,507.1
Agricultural Cooperative Svc	2.8	2.7	2.8	2.7	2.8	3.4	2.9	3.7	NA	NA	NA
Agricultural Marketing Svc ¹	1.4	1.6	1.5	2.7	3.7	4.3	4.7	4.6	5.0	4.9	4.9
Agricultural Research Svc ²	526.5	540.4	579.7	603.4	622.9	686.5	732.6	735.3	758.4	768.2	790.4
Animal & Plant Health Inspection Service	4.9	6.2	7.7	14.0	15.7	16.7	17.1	19.2	19.1	21.2	20.6
Cooperative State Rsch, Ed, & Extension Service ³	274.1	294.8	336.9	361.9	395.6	415.1	433.2	456.9	463.9	474.8	445.2
Economic Research Service	43.2	47.2	50.0	50.7	53.0	57.5	61.5	57.3	52.0	53.2	54.7
Foreign Agricultural Svc ⁴ .....	.0	.0	.0	.0	.0	.0	.0	.8	.5	1.4	1.4
Forest Service	120.7	138.0	136.4	144.5	159.8	182.0	185.8	195.7	197.8	180.5	181.8
Grain Inspection Packers & Stockyards Administration ⁵	1.2	1.0	1.1	.6	.7	1.8	1.8	1.8	1.5	2.8	2.8
Human Nutrition Information Service ²	9.6	8.2	8.4	9.0	8.9	9.7	7.3	5.3	NA	NA	NA
National Agricultural Statistics Service	3.5	3.6	2.8	2.7	3.2	3.5	3.9	3.6	4.2	3.8	3.9
Office of International Cooperation & Dvlpmnt ⁴	5.1	5.0	2.5	4.3	3.1	2.4	2.6	.0	NA	NA	NA
Office of Transportation	1.0	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Rural Business-Cooperative Service ⁶	NA	NA	NA	NA	NA	NA	NA	2.4	1.6	1.4	1.4
Department of Commerce, total	311.1	389.4	403.2	441.5	500.7	643.4	652.0	810.3	886.4	957.7	1,040.3
Bureau of the Census	4.5	5.6	5.0	6.7	6.6	5.5	5.0	5.4	5.1	7.4	7.4
Economic Development Admin	7.2	2.7	1.3	1.5	1.0	1.1	.7	.3	1.0	.5	1.5
National Institute of Standards & Technology	102.1	111.4	121.5	120.3	144.1	160.6	189.8	237.8	350.4	416.2	485.6
National Oceanic & Atmospheric Administration	189.2	263.5	269.1	306.7	345.3	472.2	452.4	562.9	523.6	529.1	541.1
National Telecommunications & Information Administration	7.8	6.1	6.2	6.2	3.6	4.0	4.2	3.9	6.4	4.5	4.7
Office of the Secretary .....	.3	.1	.1	-	-	-	-	-	-	.0	.0
Department of Defense, total	33,611.8	34,573.0	36,869.1	37,140.0	33,447.2	34,631.7	34,525.9	35,179.2	33,712.5	33,499.0	32,870.5
Department of the Army	5,009.7	4,899.6	5,241.3	5,797.1	5,724.5	6,295.2	6,125.3	5,797.8	5,137.3	5,112.4	4,581.2
Department of the Navy	9,422.1	9,081.9	9,559.5	9,453.5	7,902.0	8,115.0	9,187.5	8,213.3	9,454.1	8,571.5	7,952.5
Department of the Air Force	14,101.0	14,774.5	15,390.5	14,888.1	13,043.8	12,532.3	12,287.9	12,799.2	12,051.8	11,809.3	12,987.5
Defense Agencies	4,995.8	5,690.3	6,501.3	6,853.6	6,685.3	7,450.3	6,689.7	8,125.3	6,822.7	7,727.9	7,075.4
Operational Test & Evaluation, Director	4.4	7.2	31.6	32.0	22.3	9.4	12.3	11.9	12.4	30.8	21.8
Test & Evaluation, Deputy Under Secretary of Defense	78.8	119.6	145.0	115.8	69.4	229.4	223.2	231.8	234.3	247.1	252.0
Department of Education	138.3	142.9	155.7	150.7	117.2	135.5	186.7	179.2	180.6	181.0	170.2
Department of Energy	5,432.7	5,743.7	6,039.0	6,365.3	6,827.1	7,232.7	7,668.3	6,896.5	7,016.3	6,728.5	6,879.3

See explanatory information, if any, and SOURCE at end of table.

**Table C-90a. Federal outlays for research and development and for R&D plant, by agency:
fiscal years 1987-97**

[Dollars in millions]

Page 2 of 4

Agency and subdivision	1987	1988	1989	1990	1991	1992	1993	1994	1995	Preliminary	
										1996	1997
Department of Health & Human Services, total	5,751.0	6,923.2	7,773.4	8,363.8	9,822.1	9,091.5	10,475.2	10,352.5	11,245.2	11,321.4	12,318.1
Administration on Aging ⁷	NA	NA	NA	NA	20.6	20.2	20.9	19.1	20.7	2.9	2.9
Administration for Children & Families ⁸ ⁷	NA	NA	NA	NA	110.2	35.1	19.3	11.3	12.0	9.0	19.0
Agency for Health Care Policy & Research ⁹	NA	NA	NA	5.3	11.9	113.5	87.6	111.0	133.0	124.0	85.0
Alcohol, Drug Abuse, & Mental Health Administration ¹⁰	476.1	554.8	695.7	842.7	1,460.6	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	66.2	88.7	117.8	95.6	113.4	146.9	162.5	206.8	317.4	323.4	361.2
Food & Drug Administration	85.6	91.3	96.0	95.0	143.5	150.0	174.2	160.5	147.9	154.6	146.1
Health Care Financing Admin	36.1	31.4	32.5	14.4	21.7	63.9	69.5	72.3	72.9	70.1	59.0
Hlth Resources & Svcs Admin	9.2	10.0	10.5	11.9	11.0	10.5	11.0	17.8	14.4	13.7	12.7
Human Development Svcs ⁷	51.1	50.9	73.3	76.7	NA	NA	NA	NA	NA	NA	NA
National Insts of Health ¹⁰	4,985.2	6,060.2	6,699.0	7,181.1	7,890.4	8,491.4	9,893.3	9,725.7	10,511.5	10,616.4	11,625.8
Office of the Assistant Secretary for Health ⁹	23.5	20.0	26.0	22.3	18.2	21.7	15.8	.7	.6	.5	.5
Office of the Secretary	8.2	4.7	7.8	5.0	8.8	5.0	5.2	5.0	3.5	7.0	6.0
Social Security Admin ¹¹	9.8	11.1	14.8	13.9	11.9	33.4	15.9	22.2	11.3	NA	NA
Dept of Housing & Urban Dvlpmt ...	19.7	14.9	20.7	21.7	18.1	23.5	28.4	28.5	38.0	34.8	39.1
Dept of the Interior, total	394.7	419.6	485.3	503.0	556.2	628.4	651.8	644.9	558.8	570.0	591.4
Bureau of Land Management	3.6	3.7	3.0	2.8	8.8	6.3	8.9	.0	.0	.0	.0
Bureau of Mines	91.2	87.6	92.6	96.7	97.7	113.9	111.8	107.9	.0	NA	NA
Bureau of Reclamation	10.6	4.4	4.2	5.8	8.7	12.2	9.6	7.4	8.0	6.0	7.6
Geological Survey ¹²	211.2	238.6	300.9	301.3	319.5	370.3	385.2	375.5	359.3	522.4	541.4
Minerals Management Service ...	1.0	1.2	1.9	2.0	2.7	4.1	6.1	19.5	20.8	21.7	21.6
Nat'l Biological Svc ¹³ ¹²	NA	NA	NA	NA	NA	NA	.0	110.3	151.0	NA	NA
National Park Service ¹³	18.5	19.4	19.4	20.1	27.5	31.1	38.1	24.2	19.7	19.8	20.8
Office of the Secretary	2.0	.4	.4	.2	.6	.9	.4	.1	-	-	.0
Office of Surface Mining Reclamation & Enforcement ...	1.0	1.0	.7	.8	1.0	.3	.4	.0	.0	.0	.0
US Fish & Wildlife Svc ¹³	55.7	63.3	62.2	73.3	89.7	89.3	91.3	.0	.0	.0	.0
Department of Justice, total	39.0	48.1	36.0	38.2	40.4	42.9	46.2	42.0	49.0	76.9	93.8
Bureau of Prisons ¹⁴	6.9	6.0	3.8	3.2	5.7	5.9	6.1	5.4	5.7	4.7	4.7
Drug Enforcement Admin	2.2	2.5	2.7	2.4	2.8	1.5	1.1	1.7	.4	1.2	.5
Federal Bureau of Investigation	6.9	12.7	6.5	8.2	10.8	10.9	11.3	7.0	10.9	36.8	34.8
Immigration & Naturalization Service .....	.4	5.2	.4	.4	.4	.4	.4	.4	.4	.4	.4
Office of Justice Programs	22.4	21.6	22.5	24.0	20.7	24.1	27.2	27.6	31.5	33.8	53.3
Office of Legal Policy .....	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Department of Labor, total	20.3	31.8	28.9	45.2	45.6	70.8	57.8	60.7	51.7	48.1	45.7
Bureau of Labor Statistics	6.5	7.0	7.0	7.3	7.5	7.6	6.9	7.1	13.1	13.3	12.6
Employment Standards Admin ...	1.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
Employment & Training Admin ...	4.4	11.2	9.2	25.6	23.7	51.0	39.2	41.8	23.1	23.4	21.1
Labor-Management Relations & Cooperative Programs .....	.3	.4	.3	NA	NA	NA	NA	NA	NA	NA	NA
Occupational Safety & Health Administration	4.1	4.2	4.5	2.5	2.6	3.1	2.5	3.2	4.3	3.1	3.6
Office of the Secretary	2.7	6.1	6.1	7.1	8.7	5.7	5.4	5.2	6.2	5.4	5.4
Pension Benefit Guaranty Corp ..	.3	.3	.3	.5	.5	.9	1.3	.7	1.4	.6	.7
Pension & Welfare Benefits Administration	1.0	2.6	1.3	2.1	2.5	2.6	2.6	2.7	3.6	2.3	2.3
Department of State ¹⁵	3.0	4.2	4.7	4.7	5.9	5.6	5.3	8.2	5.0	4.3	4.3

See explanatory information, if any, and SOURCE at end of table.

**Table C-90a. Federal outlays for research and development and for R&D plant, by agency:
fiscal years 1987-97**

[Dollars in millions]

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Agency and subdivision	1987	1988	1989	1990	1991	1992	1993	1994	1995	Preliminary	
										1996	1997
Dept of Transportation, total	347.7	332.1	291.5	287.3	361.0	411.1	455.3	536.9	661.4	551.1	864.2
Coast Guard	17.8	14.9	18.1	21.4	14.9	22.8	32.2	26.1	21.1	24.1	24.5
Federal Aviation Admin	190.5	190.2	153.5	185.5	216.0	250.7	260.1	258.9	270.8	277.6	260.9
Federal Highway Admin	76.3	60.1	76.5	44.0	86.1	81.2	87.5	178.5	260.6	133.5	456.9
Federal Railroad Admin	10.9	10.6	7.0	7.0	14.3	21.5	22.8	19.6	22.8	37.1	32.3
Federal Transit Admin ¹⁶	9.4	1.4	2.0	2.3	2.1	1.5	16.5	18.5	33.4	27.7	22.1
Maritime Administration	7.2	2.6	.0	.9	1.5	1.7	1.7	1.7	2.3	.3	1.8
National Highway Traffic Safety Administration	28.9	45.2	28.5	16.9	19.2	24.5	28.3	26.9	41.4	39.2	51.8
Office of the Secretary	4.7	5.2	4.2	6.9	4.7	5.0	4.4	2.5	4.0	2.8	2.8
Rsch & Special Programs Administration	2.1	2.0	1.6	2.4	2.2	2.3	1.7	4.1	4.9	8.8	11.2
Dept of the Treasury, total	26.4	25.8	23.5	25.2	30.4	24.5	16.6	20.7	61.5	63.8	64.2
Bureau of Engraving & Printing	4.5	2.0	1.7	2.1	3.5	2.0	3.2	3.4	1.8	2.2	2.0
Financial Crimes Enforcement Network .....	.0	.0	.0	.0	1.8	1.5	1.5	.0	.0	.0	.0
Internal Revenue Svc ^{17 18}	14.1	14.0	14.0	16.3	17.3	17.3	6.5	11.3	49.7	50.6	54.3
Off of Thrift Supervision ¹⁹	NA	NA	NA	.0	3.0	.8	.7	.5	.6	.5	.6
United States Customs Svc	7.1	9.3	6.9	6.3	3.8	2.3	4.1	4.6	8.6	9.6	6.5
United States Mint .....	.1	.2	.3	.1	.5	.0	-	.4	.3	.2	.1
US Secret Service ²⁰ .....	.5	.4	.6	.5	.4	.6	.6	.5	.6	.6	.6
Department of Veterans Affairs	198.8	201.9	186.4	219.0	221.6	207.6	250.8	246.0	258.3	259.1	261.2
Other agencies:											
Advisory Commission on Intergovernmental Relations	1.6	1.4	1.2	1.2	1.2	1.5	2.1	1.4	1.4	1.4	.0
Appalachian Regional Comm .....	.1	.2	.8	.4	.7	1.9	.9	.9	.9	.9	.9
Consumer Product Safety Comm	2.1	1.2	1.3	1.2	1.3	1.2	1.2	.4	.4	.1	-
Environmental Protection Agcy	325.9	340.0	343.2	388.5	400.1	411.9	497.7	558.3	495.5	422.3	523.8
Federal Communications Comm	1.0	1.2	1.1	1.3	1.4	1.6	1.6	1.7	2.3	2.8	2.7
Federal Trade Commission .....	.5	.4	.4	.5	1.0	1.3	.9	.7	.6	1.0	1.0
General Services Admin	1.6	2.3	.5	.7	3.6	20.9	7.6	5.5	1.3	1.2	1.1
International Development Cooperation Agcy, total	263.2	229.1	279.1	334.0	344.0	205.9	321.7	372.6	256.8	277.7	244.4
Agcy for Internat'l Dvlpmt ¹⁵	263.2	229.1	279.1	334.0	344.0	205.9	321.7	372.6	256.8	277.7	244.4
Library of Congress	6.5	7.1	8.0	8.4	8.6	10.0	10.7	12.5	7.7	11.0	8.3
National Aeronautics & Space Administration	3,564.3	4,230.4	5,506.1	6,762.2	7,675.0	8,386.6	8,885.4	8,576.8	9,116.2	10,074.2	9,839.3
Nat'l Archives & Records Admin	1.1	.7	.3	.4	.7	.7	.3	.3	.1	.1	.1
National Science Foundation	1,459.9	1,550.7	1,613.4	1,563.0	1,687.1	1,813.6	1,841.7	1,983.6	1,977.0	2,261.0	2,433.0
Nuclear Regulatory Commission	124.4	113.5	113.2	111.5	107.5	116.5	119.6	92.4	88.8	66.4	59.1
Office of Thrift Supervision ¹⁹	3.4	3.4	4.1	4.1	NA	NA	NA	NA	NA	NA	NA
Smithsonian Institution	71.5	74.8	82.6	95.4	98.5	95.4	97.2	127.4	125.0	126.0	137.0
Social Security Admin ¹¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.3	27.7

See explanatory information, if any, and SOURCE at end of table.

**Table C-90a. Federal outlays for research and development and for R&D plant, by agency:
fiscal years 1987-97**

[Dollars in millions]

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Agency and subdivision	1987	1988	1989	1990	1991	1992	1993	1994	1995	Preliminary	
										1996	1997
Tennessee Valley Authority	76.9	86.9	61.7	66.7	72.3	103.5	109.6	97.9	94.1	104.4	77.0
United States Arms Control & Disarmament Agency ²¹	4.6	3.4	2.8	.2	.4	2.1	1.5	1.3	1.1	.5	1.0
US Information Agency	10.0	1.5	1.0	.0	.2	.2	.2	.6	.3	.2	.1
US Internat'l Trade Comm	7.2	8.1	8.7	9.1	9.9	12.3	12.2	9.4	12.2	12.7	12.5

- ¹ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.
- ² The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- ³ The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- ⁴ The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.
- ⁵ The Federal Grain Inspection Service was abolished on Oct. 20, 1994, and its functions were assumed by the Grain Inspection Packers & Stockyards Administration.
- ⁶ This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.
- ⁷ In fiscal year 1991 Human Development Services was replaced by the Administration for Children & Families (ACF) and by the Administration on Aging (AoA). Beginning in fiscal year 1992, data shown for the ACF are separate from obligations for the AoA.
- ⁸ Obligations reported for the Administration for Children & Families may be incomplete for fiscal year 1992 due to unavailability of data.
- ⁹ In fiscal year 1991 the Agency for Health Care Policy & Research became separate from the Office of the Assistant Secretary for Health.
- ¹⁰ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- ¹¹ As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.
- ¹² As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- ¹³ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- ¹⁴ The Bureau of Prisons was formerly listed as the Federal Prison System.
- ¹⁵ Increases in outlays and obligations reported by the Department of State during the Vol. 44 survey cycle reflect reporting of monies received through interagency agreements with the Agency for International Development. The Department of State transfers these outlays and obligations to other R&D performers.
- ¹⁶ The name of this agency changed from the Urban Mass Transit Administration to the Federal Transit Administration on Dec. 18, 1991.
- ¹⁷ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Vol. 41 submission.
- ¹⁸ Large changes in obligations reported by the Internal Revenue Service for Vol. 44 are due to shifts in research funding.
- ¹⁹ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.
- ²⁰ The United States Secret Service was formerly listed as the Office of Protective Research.
- ²¹ Fiscal year 1994 figures for the United States Arms Control & Disarmament Agency are estimates based on the agency's Vol. 43 submission.

NOTES: Because of rounding, detail may not add to totals.

Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: - = Amount less than 50 thousand dollars
NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table C-91. Federal outlays for research and development, by agency:
fiscal years 1976-86**

[Dollars in millions]

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Agency and subdivision	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total, all agencies	20,220.2	22,082.7	24,020.1	25,838.2	29,154.2	32,459.1	34,390.7	36,659.4	39,691.0	44,171.4	50,609.1
Departments:											
Dept of Agriculture, total	460.0	515.3	553.8	608.7	659.8	743.4	807.2	826.0	864.3	889.0	918.0
Agricultural Cooperative Svc	NA	NA	NA	NA	1.6	1.3	1.7	2.1	2.2	2.9	2.6
Agricultural Marketing Svc ¹ .....	.0	.0	.0	.9	1.3	1.2	1.5	.6	1.7	1.3	1.7
Agricultural Research Svc	NA	NA	NA	NA	NA	390.1	417.5	438.7	454.3	466.2	468.1
Animal & Plant Health Inspection Service	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
Cooperative State Rsch, Ed, & Extension Service	NA	NA	NA	NA	NA	199.0	219.8	219.6	235.7	236.7	254.8
Economic Research Service	NA	NA	NA	NA	NA	38.0	37.0	36.8	40.9	45.1	46.0
Economics, Statistics, & Cooperative Svc, total ²	26.9	30.5	32.4	35.6	NA	NA	NA	NA	NA	NA	NA
Economic Research Service ..	23.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Farmer Cooperative Service ...	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Statistical Reporting Svc	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Economics & Statistics Svc ³	NA	NA	NA	NA	31.1	NA	NA	NA	NA	NA	NA
Forest Service	86.9	89.0	84.6	102.2	97.0	98.6	113.2	109.8	108.8	113.1	112.5
Grain Inspection Packers & Stockyards Administration .....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.0
Human Nutrition Information Service	NA	NA	NA	NA	NA	.0	3.8	5.8	7.9	7.2	10.6
National Agricultural Statistics Service .....	.0	NA	NA	NA	NA	7.5	7.0	7.6	8.2	8.4	8.0
Office of International Cooperation & Development ...	NA	NA	NA	.0	6.4	6.9	4.6	4.1	3.6	5.8	7.5
Office of Transportation	NA	NA	NA	.5	.8	.9	.9	.8	1.0	1.3	1.0
Science & Ed Admin, total	346.2	395.7	436.8	469.5	521.7	NA	NA	NA	NA	NA	NA
Agricultural Research Svc	242.0	275.6	301.9	312.9	347.5	NA	NA	NA	NA	NA	NA
Cooperative State Rsch Svc ...	104.2	120.1	134.9	156.6	174.2	NA	NA	NA	NA	NA	NA
Nat'l Agricultural Library	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Department of Commerce, total	225.5	232.5	269.2	305.2	355.9	345.5	285.4	334.5	327.0	373.6	372.6
Bureau of the Census	2.5	2.5	3.3	2.7	3.2	3.8	3.7	4.3	4.4	4.8	4.6
Economic Development Admin ...	13.6	20.0	25.1	26.7	35.5	35.5	12.1	5.3	5.1	7.8	7.8
Maritime Administration ⁴	22.8	15.1	18.5	18.2	23.5	NA	NA	NA	NA	NA	NA
Minority Business Dvlpmnt Agcy ...	3.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
National Fire Prevention & Control Administration ⁵	4.6	6.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
National Institute of Standards & Technology	48.0	52.6	58.1	63.4	76.8	83.9	86.6	93.3	94.1	102.2	103.3
National Oceanic & Atmospheric Administration	129.4	131.2	162.5	190.1	206.7	208.1	174.1	222.0	214.7	249.1	247.2
National Telecommunications & Information Administration	NA	2.5	1.3	3.3	9.1	12.9	8.0	9.6	8.6	9.0	8.5
Office of the Secretary .....	.0	.0	.0	.3	.6	.1	.2	-	.1	.6	1.2
Office of Telecommunications	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Patent & Trademark Office .....	.4	.5	.5	.5	.5	1.1	.7	.0	.0	.0	.0
Department of Defense, total	9,301.3	10,182.4	10,622.8	11,497.3	13,501.4	15,754.5	18,251.2	21,105.8	22,619.3	26,742.0	32,210.5
Department of the Army	1,949.0	2,180.2	2,457.5	2,534.1	2,845.3	3,114.8	3,400.9	3,827.0	3,983.0	4,176.6	4,223.5
Department of the Navy	3,260.8	3,519.0	3,870.3	3,873.5	4,417.0	4,824.7	5,269.4	5,886.8	6,709.4	8,161.1	9,809.1
Department of the Air Force	3,568.1	3,862.2	3,719.8	4,263.1	5,220.6	6,626.6	8,141.4	9,537.2	10,658.5	12,063.9	14,044.0
Defense Agencies	500.3	603.3	548.5	798.3	978.2	1,152.6	1,394.8	1,811.5	1,213.6	2,285.2	4,062.4
Defense Civil Preparedness Agency ⁶	2.2	1.2	2.9	NA	NA	NA	NA	NA	NA	NA	NA
Test & Evaluation, Deputy Under Secretary of Defense	20.9	16.5	23.9	28.3	40.4	35.7	44.8	43.3	54.7	55.1	71.6

See explanatory information, if any, and SOURCE at end of table.

**Table C-91. Federal outlays for research and development, by agency:
fiscal years 1976-86**

[Dollars in millions]

Page 2 of 4

Agency and subdivision	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Department of Education ⁷	NA	NA	NA	136.5	120.9	.0	150.1	111.5	181.3	95.7	124.5
Department of Energy ^{8 9}	NA	3,166.0	3,931.7	4,303.3	4,697.5	5,041.4	4,842.1	4,817.5	4,740.3	4,947.7	4,655.8
Department of Health, Education, & Welfare, total	2,562.6	2,576.6	3,002.2	NA	NA	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	145.1	167.2	179.9	NA	NA	NA	NA	NA	NA	NA	NA
Center for Disease Control	37.1	42.6	58.3	NA	NA	NA	NA	NA	NA	NA	NA
Food & Drug Administration	18.5	24.4	54.7	NA	NA	NA	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	30.0	14.2	NA	NA	NA	NA	NA	NA	NA	NA
Health Resources Admin	24.7	1.4	6.7	NA	NA	NA	NA	NA	NA	NA	NA
Health Services Admin	11.3	15.6	15.7	NA	NA	NA	NA	NA	NA	NA	NA
National Inst of Education	69.8	59.7	74.8	NA	NA	NA	NA	NA	NA	NA	NA
National Insts of Health	2,066.5	2,063.7	2,440.3	NA	NA	NA	NA	NA	NA	NA	NA
Office of Assistant Secretary for Education	1.5	1.7	1.1	NA	NA	NA	NA	NA	NA	NA	NA
Office of Assistant Secretary for Health .....	.0	28.1	13.3	NA	NA	NA	NA	NA	NA	NA	NA
Office of Education	56.8	30.3	25.8	NA	NA	NA	NA	NA	NA	NA	NA
Office of Human Dvlpmt Svcs	61.4	80.0	75.3	NA	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	32.5	21.3	30.2	NA	NA	NA	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	18.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Social Security Admin	18.9	10.9	11.9	NA	NA	NA	NA	NA	NA	NA	NA
Department of Health & Human Services, total	NA	NA	NA	3,099.3	3,477.2	3,954.9	4,015.3	4,092.0	4,450.3	5,007.0	5,498.7
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	184.4	217.9	250.9	291.7	288.8	272.0	348.4	396.1
Centers for Disease Control & Prevention	NA	NA	NA	72.4	72.6	83.0	88.4	80.4	46.3	47.6	52.7
Food & Drug Administration	NA	NA	NA	40.0	60.3	57.1	58.4	73.5	76.9	81.2	79.1
Health Care Financing Admin	NA	NA	NA	19.5	29.4	35.4	29.1	30.2	33.1	33.5	28.1
Health Resources Admin	NA	NA	NA	3.2	2.8	3.7	NA	NA	NA	NA	NA
Hlth Resources & Svcs Admin	NA	NA	NA	NA	NA	NA	17.5	16.3	13.4	16.0	13.0
Health Services Admin	NA	NA	NA	23.1	20.2	16.9	NA	NA	NA	NA	NA
Human Development Services	NA	NA	NA	57.1	48.5	85.5	33.0	22.3	15.4	21.4	52.0
National Insts of Health	NA	NA	NA	2,641.0	2,953.2	3,350.2	3,439.6	3,539.5	3,960.6	4,420.1	4,845.0
Office of the Assistant Secretary for Health	NA	NA	NA	14.7	27.0	37.2	29.0	16.9	11.5	15.8	21.6
Office of the Secretary	NA	NA	NA	26.5	24.0	19.5	13.4	14.4	10.4	9.6	6.1
Social Security Admin	NA	NA	NA	17.4	21.4	15.4	15.4	9.6	10.7	13.3	5.0
Dept of Housing & Urban Dvlpmt ...	60.3	69.0	59.3	74.3	65.8	54.1	37.0	30.9	24.9	18.6	13.9
Dept of the Interior, total	319.0	299.5	332.3	395.3	422.7	432.8	393.6	410.3	430.7	412.8	439.3
Bonneville Power Admin ⁹	8.3	.0	.0	.0	.0	13.7	NA	NA	NA	NA	NA
Bureau of Land Management .....	.7	.9	1.2	1.3	1.7	1.9	5.3	3.9	3.8	4.4	3.4
Bureau of Mines	113.7	100.7	104.1	117.1	128.4	106.9	105.0	101.9	111.3	100.4	131.0
Bureau of Reclamation	8.7	10.1	10.9	11.0	13.1	13.4	10.7	11.1	10.1	10.5	12.0
Geological Survey ¹⁰	115.7	112.2	128.7	144.2	145.2	168.2	150.1	169.9	227.2	229.9	225.6
Heritage Conservation & Recreation Service	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Minerals Management Service ...	NA	NA	NA	NA	NA	NA	.0	1.3	1.5	1.5	1.1
National Park Service	9.3	7.6	7.7	8.9	8.2	10.4	11.2	13.7	14.0	15.0	17.3
Office of the Secretary .....	.7	1.0	2.1	1.5	1.9	2.0	.4	1.3	.6	.3	.6
Office of Surface Mining Reclamation & Enforcement ...	NA	.0	.0	5.0	7.5	5.8	1.4	1.5	.8	2.0	2.3
Office of Water Rsch & Tech ¹⁰ ..	19.0	13.3	17.0	23.1	29.3	21.1	19.4	8.3	2.6	NA	NA
US Fish & Wildlife Svc	42.9	53.6	60.5	83.2	87.7	89.5	90.1	97.5	58.8	48.8	46.0
Department of Justice, total	39.9	33.7	33.5	45.9	45.3	26.1	36.6	27.6	26.5	32.7	32.1
Bureau of Prisons .....	.7	1.0	1.8	3.3	2.1	2.5	1.7	1.7	1.6	1.5	3.0
Drug Enforcement Admin	2.6	3.8	1.7	2.7	4.4	1.2	2.7	2.5	2.0	1.6	2.5
Federal Bureau of Investigation	1.4	1.1	.9	2.5	1.8	1.5	1.1	1.9	2.5	8.9	6.9
Immigration & Naturalization Service .....	.0	.2	.3	.3	.3	1.0	.3	.2	.6	.4	.4
Office of Justice Programs	35.2	27.6	27.1	35.5	35.1	19.2	30.4	21.1	19.6	20.1	19.2
Office of Legal Policy .....	.0	.0	1.6	1.6	1.6	.7	.4	.2	.3	.2	.2

See explanatory information, if any, and SOURCE at end of table.

**Table C-91. Federal outlays for research and development, by agency:
fiscal years 1976-86**

[Dollars in millions]

Page 3 of 4

Agency and subdivision	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Department of Labor, total	27.8	28.1	97.6	109.2	137.7	61.6	29.4	16.8	14.1	13.7	10.9
Bureau of Labor Statistics	1.3	1.4	1.2	.9	.9	.3	.3	.7	.5	.6	.6
Employment Standards Admin	4.1	4.3	3.6	5.1	4.7	3.0	1.3	1.3	1.3	-	.0
Employment & Training Admin	17.5	16.8	86.6	93.0	121.7	52.1	20.2	6.0	3.5	4.5	3.4
Labor-Management Relations & Cooperative Programs ¹¹	NA	NA	NA	NA	NA	NA	NA	NA	.3	.3	.2
Labor-Management Services Administration ¹¹ .....	.7	1.9	2.7	3.5	2.8	1.7	.7	.9	NA	NA	NA
Occupational Safety & Health Administration	2.9	3.4	1.3	5.1	6.3	3.0	4.9	5.3	5.1	4.5	3.6
Office of the Secretary	1.2	.2	2.2	1.6	1.3	1.0	.9	1.5	1.9	2.6	2.1
Pension Benefit Guaranty Corp ..	NA	NA	NA	NA	NA	.5	1.1	1.1	.3	.2	.1
Pension & Welfare Benefits Administration	NA	NA	NA	NA	NA	NA	NA	NA	1.2	1.1	.9
Department of State, total ¹²	25.9	40.1	57.4	3.2	2.2	1.8	1.5	1.5	1.6	1.5	1.5
Agcy for Internat'l Dvlpmt ¹²	24.3	37.8	54.5	NA	NA	NA	NA	NA	NA	NA	NA
Departmental Funds	1.6	2.3	2.8	3.2	2.2	1.8	.0	.0	.0	.0	.0
Dept of Transportation, total	323.6	346.0	364.1	356.2	374.7	415.9	347.0	272.4	344.6	416.1	429.8
Coast Guard	17.3	16.5	19.6	20.5	17.9	25.9	20.0	19.6	19.5	19.0	16.7
Federal Aviation Admin	112.7	99.8	99.2	101.9	104.2	119.8	106.6	90.3	155.1	270.1	303.3
Federal Highway Admin	42.5	52.6	52.5	48.7	53.1	56.3	42.5	32.5	51.1	47.5	45.5
Federal Railroad Admin	40.5	45.6	51.5	51.7	53.2	48.2	17.4	18.3	14.7	16.2	15.4
Federal Transit Admin	46.9	50.4	52.5	50.5	58.9	61.9	69.8	36.5	31.2	18.6	8.8
Maritime Administration ⁴	NA	NA	NA	NA	NA	17.4	18.9	13.5	11.1	10.2	14.1
National Highway Traffic Safety Administration	33.8	49.3	68.3	53.4	60.1	60.3	59.7	50.6	52.7	27.5	18.6
Office of the Secretary	29.9	31.8	19.7	16.7	14.9	13.9	5.6	4.0	5.0	4.7	5.2
Rsch & Special Programs Administration	NA	.0	.8	12.8	12.4	12.3	6.5	7.1	4.2	2.4	2.3
Dept of the Treasury, total	3.7	4.9	9.9	9.5	10.9	10.8	13.6	15.5	13.5	24.2	22.9
Bureau of Alcohol, Tobacco, & Firearms .....	.0	1.1	2.0	2.5	1.6	.3	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	2.8	2.5	3.7	2.1	2.3	2.7	4.8	3.9	3.6	5.0	4.2
Internal Revenue Service .....	.0	.0	2.4	3.6	4.0	4.2	5.4	8.0	7.9	15.9	13.4
United States Customs Svc	1.0	1.3	1.8	1.3	3.0	3.5	3.1	3.3	1.8	2.2	4.8
United States Mint .....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	-
United States Secret Service	NA	NA	NA	NA	-	.1	.3	.4	.2	.6	.4
Department of Veterans Affairs	97.7	106.9	114.3	120.3	134.4	137.8	137.7	154.1	189.0	215.1	181.2
Other agencies:											
ACTION .....	.1	.4	1.6	1.6	.0	.0	.0	.0	.0	.0	.0
Advisory Commission on Intergovernmental Relations	1.0	1.3	1.5	1.7	1.7	1.9	1.8	1.9	2.1	2.0	2.0
Appalachian Regional Comm .....	.7	.6	.5	.9	.8	.4	.4	.2	.4	.2	.2
Civil Service Commission	4.0	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
Community Services Admin	10.0	21.0	24.1	19.5	25.5	26.2	NA	NA	NA	NA	NA
Consumer Product Safety Comm ..	3.6	6.8	3.9	3.1	3.6	.9	.2	.5	1.2	2.2	2.0
Energy Rsch & Dvlpmt Admin ⁸	2,189.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agcy	259.0	281.3	310.3	386.5	384.7	344.3	336.2	312.5	266.1	274.8	306.9
Federal Communications Comm	1.1	1.9	2.4	1.9	3.1	1.6	1.2	1.3	.9	1.1	.9
Federal Emergency Management Agency, total ^{6 5}	NA	NA	6.8	12.0	11.2	11.6	8.8	3.2	10.9	4.6	.0
National Fire Prevention & Control Administration ⁵	NA	NA	6.8	.0	.0	.0	.0	.0	.0	.0	.0
Federal Energy Administration	3.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Federal Trade Commission .....	.9	1.1	1.4	1.5	3.2	1.1	1.2	1.4	1.6	1.7	1.8
Foundation for Educational Assistance ⁷	NA	NA	NA	NA	NA	111.8	NA	NA	NA	NA	NA
General Services Admin ¹³	1.2	.9	2.7	.5	.2	.6	1.0	.5	2.4	.4	1.2

See explanatory information, if any, and SOURCE at end of table.

**Table C-91. Federal outlays for research and development, by agency:
fiscal years 1976-86**

[Dollars in millions]

Page 4 of 4

Agency and subdivision	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
International Development											
Cooperation Agcy, total ¹²	NA	NA	NA	75.8	107.8	159.9	178.3	212.8	195.8	220.3	241.5
Agcy for Internat'l Dvlpmt ¹²	NA	NA	NA	75.8	107.8	159.9	178.3	212.8	195.8	220.3	241.5
Interstate Commerce Comm	0.1	0.1	0.3	.2	.1	.0	.0	.0	.0	.0	.0
Library of Congress	2.9	3.6	4.7	5.4	6.5	5.1	5.4	6.7	7.2	6.3	6.9
National Aeronautics & Space Administration	3,548.1	3,344.2	3,307.9	3,262.5	3,465.4	3,558.6	3,140.7	2,538.0	3,538.7	2,970.3	3,431.5
National Archives & Records Administration ¹³	NA	NA	NA	NA	NA	NA	NA	NA	NA	.5	1.0
National Science Foundation	619.0	649.6	700.5	775.2	830.6	892.3	1,013.6	991.8	1,108.0	1,186.0	1,410.7
Nuclear Regulatory Commission	73.3	101.7	125.4	137.5	175.4	208.7	208.6	244.0	198.6	161.1	136.0
Office of Personnel Management	NA	NA	4.5	6.0	6.8	8.1	.0	.0	.0	.0	.0
Office of Telecommunications Policy	4.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision .....	.8	1.7	1.0	.9	1.2	1.0	2.7	3.0	2.6	2.8	3.3
Small Business Administration .....	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
Smithsonian Institution	27.5	29.8	34.6	37.2	39.1	43.5	48.0	56.2	54.6	58.9	62.5
Tennessee Valley Authority	18.7	26.5	31.5	37.2	74.7	93.9	89.3	63.3	66.0	80.7	78.9
United States Arms Control & Disarmament Agency	1.8	2.2	3.6	3.5	3.8	2.4	1.9	1.0	1.3	1.1	.9
US Information Agency ¹⁴ .....	.1	.1	.1	.1	.1	1.2	-	-	-	1.1	2.4
US Internat'l Trade Comm	1.5	2.6	3.1	3.4	2.1	3.4	3.8	4.7	5.0	5.8	6.9

- ¹ Although the Agricultural Marketing Service was established in April 1972, fiscal year 1979 was the first year in which Congress appropriated funds to this agency.
- ² Data reported for the Economics, Statistics, & Cooperative Service include programs of the Economic Research Service, the Statistical Reporting Service, and the Farmer Cooperative Service for fiscal years 1977-79.
- ³ Data reported for the Economics & Statistics Service include programs of the Economic Research Service and the Statistical Reporting Service for fiscal year 1980.
- ⁴ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.
- ⁵ Functions for the National Fire Prevention & Control Administration transferred from the Department of Commerce to the Federal Emergency Management Agency as of Apr. 1, 1979.
- ⁶ Functions for the Defense Civil Preparedness Agency transferred from the Department of Defense to the Federal Emergency Management Agency on July 20, 1979.
- ⁷ The 1983 Budget of the United States Government proposed that the Department of Education be replaced by the Foundation for Educational Assistance.
- ⁸ In 1977 the Energy Research & Development Administration became part of the Department of Energy.
- ⁹ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.
- ¹⁰ As of 1985 the Office of Water Research & Technology has been combined with the Geological Survey.
- ¹¹ In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations & Cooperative Programs.
- ¹² The Agency for International Development transferred from the Department of State to the International Development Cooperative Agency on Oct. 1, 1979.
- ¹³ As of 1985 the National Archives & Records Administration is separate from the General Services Administration.
- ¹⁴ Data reported for the United States Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: - = Amount less than 50 thousand dollars
NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table C-91a. Federal outlays for research and development, by agency:
fiscal years 1987-97**

[Dollars in millions]

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Agency and subdivision	1987	1988	1989	1990	1991	1992	1993	1994	1995	Preliminary	
										1996	1997
Total, all agencies	51,611.7	54,739.4	59,450.4	62,135.3	61,130.4	62,934.5	65,241.3	66,158.8	66,374.6	66,876.9	67,691.5
Departments:											
Dept of Agriculture, total	922.9	971.2	1,037.5	1,072.5	1,189.4	1,246.0	1,303.9	1,353.7	1,375.3	1,362.9	1,353.5
Agricultural Cooperative Svc	2.8	2.7	2.8	2.7	2.8	3.4	2.9	3.7	NA	NA	NA
Agricultural Marketing Svc ¹	1.4	1.6	1.5	2.7	3.7	4.3	4.7	4.6	5.0	4.9	4.9
Agricultural Research Svc ²	463.2	482.1	528.0	548.1	573.5	617.1	643.4	660.0	679.3	680.3	693.8
Animal & Plant Health Inspection Service	4.9	5.6	7.4	8.0	15.7	16.7	17.1	19.2	19.1	19.7	20.6
Cooperative State Rsch, Ed, & Extension Service ³	267.1	277.3	298.3	303.9	380.1	354.9	379.4	404.1	418.8	417.5	390.2
Economic Research Service	43.2	47.2	50.0	50.7	53.0	57.5	61.5	57.3	52.0	53.2	54.7
Foreign Agricultural Svc ⁴ .....	.0	.0	.0	.0	.0	.0	.0	.8	.5	1.4	1.4
Forest Service	119.9	135.8	134.7	139.6	144.7	174.8	179.3	190.8	193.5	178.0	179.8
Grain Inspection Packers & Stockyards Administration ⁵	1.2	1.0	1.1	.6	.7	1.8	1.8	1.8	1.5	2.8	2.8
Human Nutrition Information Service ²	9.6	8.2	8.4	9.0	8.9	9.7	7.3	5.3	NA	NA	NA
National Agricultural Statistics Service	3.5	3.6	2.8	2.7	3.2	3.5	3.9	3.6	4.2	3.8	3.9
Office of International Cooperation & Dvlpmnt ⁴	5.1	5.0	2.5	4.3	3.1	2.4	2.6	.0	NA	NA	NA
Office of Transportation	1.0	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Rural Business-Cooperative Service ⁶	NA	NA	NA	NA	NA	NA	NA	2.4	1.6	1.4	1.4
Department of Commerce, total	307.0	378.6	394.0	426.8	485.1	622.1	629.6	797.4	863.0	926.0	991.7
Bureau of the Census	4.5	5.6	5.0	6.7	6.6	5.5	5.0	5.4	5.1	7.4	7.4
Economic Development Admin	7.2	2.4	1.1	1.5	1.0	1.1	.7	.3	1.0	.5	1.5
National Institute of Standards & Technology	100.0	101.3	113.0	112.3	135.9	149.1	180.1	225.2	327.4	384.8	437.3
National Oceanic & Atmospheric Administration	187.1	263.0	268.6	300.1	338.0	462.4	439.5	562.6	523.1	528.8	540.8
National Telecommunications & Information Administration	7.8	6.1	6.2	6.2	3.6	4.0	4.2	3.9	6.4	4.5	4.7
Office of the Secretary .....	.3	.1	.1	-	-	-	-	-	-	.0	.0
Department of Defense, total	33,254.4	34,156.8	36,453.4	36,703.2	33,013.5	34,220.8	34,152.7	34,918.2	33,629.5	33,405.7	32,819.2
Department of the Army	4,949.0	4,837.8	5,201.6	5,750.2	5,659.5	6,273.2	6,118.3	5,794.0	5,133.0	5,107.1	4,576.6
Department of the Navy	9,357.1	9,003.1	9,475.0	9,352.3	7,815.0	8,004.0	9,114.0	8,150.5	9,416.6	8,552.6	7,942.9
Department of the Air Force	13,906.8	14,567.0	15,190.8	14,687.9	12,825.6	12,346.1	12,056.9	12,645.5	12,024.9	11,780.8	12,962.4
Defense Agencies	4,958.4	5,622.1	6,409.5	6,765.0	6,621.8	7,358.7	6,628.0	8,084.7	6,808.2	7,687.3	7,063.5
Operational Test & Evaluation, Director	4.4	7.2	31.6	32.0	22.3	9.4	12.3	11.9	12.4	30.8	21.8
Test & Evaluation, Deputy Under Secretary of Defense	78.8	119.6	145.0	115.8	69.4	229.4	223.2	231.8	234.3	247.1	252.0
Department of Education	122.6	131.8	153.4	147.9	114.5	133.0	173.8	177.2	179.6	174.6	169.5
Department of Energy	4,711.3	4,964.7	5,200.6	5,508.4	5,727.2	6,034.7	6,185.1	5,974.7	6,152.2	5,858.0	5,963.6

See explanatory information, if any, and SOURCE at end of table.

**Table C-91a. Federal outlays for research and development, by agency:
fiscal years 1987-97**

[Dollars in millions]

Page 2 of 4

Agency and subdivision	1987	1988	1989	1990	1991	1992	1993	1994	1995	Preliminary	
										1996	1997
Department of Health & Human Services, total	5,719.5	6,892.5	7,717.4	8,308.7	9,627.3	8,994.8	10,325.9	10,218.2	10,978.2	11,006.4	11,882.3
Administration on Aging ⁷	NA	NA	NA	NA	20.6	20.2	20.9	19.1	20.7	2.9	2.9
Administration for Children & Families ⁸ ⁷	NA	NA	NA	NA	110.2	35.1	19.3	11.3	12.0	9.0	19.0
Agency for Health Care Policy & Research ⁹	NA	NA	NA	5.3	11.9	113.5	87.6	111.0	133.0	124.0	85.0
Alcohol, Drug Abuse, & Mental Health Administration ¹⁰	475.5	554.8	695.7	842.7	1,460.6	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	66.2	88.7	117.8	95.6	113.4	146.9	162.5	206.8	317.4	323.4	361.2
Food & Drug Administration	83.7	89.6	94.0	94.0	125.0	135.7	154.5	138.6	131.3	131.3	131.3
Health Care Financing Admin	36.1	31.4	32.5	14.4	21.7	63.9	69.5	72.3	72.9	70.1	59.0
Hlth Resources & Svcs Admin	9.2	10.0	10.5	11.9	11.0	10.1	9.6	16.4	12.8	12.7	11.7
Human Development Svcs ⁷	51.1	50.9	73.3	76.7	NA	NA	NA	NA	NA	NA	NA
National Insts of Health ¹⁰	4,956.2	6,031.2	6,645.0	7,127.0	7,714.0	8,409.2	9,765.1	9,614.8	10,262.8	10,325.7	11,205.8
Office of the Assistant Secretary for Health ⁹	23.5	20.0	26.0	22.3	18.2	21.7	15.8	.7	.6	.5	.5
Office of the Secretary	8.2	4.7	7.8	5.0	8.8	5.0	5.2	5.0	3.5	7.0	6.0
Social Security Admin ¹¹	9.8	11.1	14.8	13.9	11.9	33.4	15.9	22.2	11.3	NA	NA
Dept of Housing & Urban Dvlpmt ...	19.7	14.9	20.7	21.7	18.1	23.5	28.4	28.5	38.0	34.8	39.1
Dept of the Interior, total	390.0	414.6	478.4	492.5	535.6	610.6	631.0	637.4	552.3	567.6	584.4
Bureau of Land Management	3.6	3.7	3.0	2.8	8.8	6.3	8.9	.0	.0	.0	.0
Bureau of Mines	91.2	87.6	90.6	93.6	96.3	113.9	111.8	107.9	.0	NA	NA
Bureau of Reclamation	10.6	4.4	4.2	5.8	8.7	12.2	9.6	7.4	8.0	6.0	7.6
Geological Survey ¹²	210.4	237.9	299.5	300.0	316.6	365.9	381.2	369.1	354.1	521.0	535.4
Minerals Management Service ...	1.0	1.2	1.9	1.8	2.5	3.4	5.1	18.3	19.8	20.7	20.6
Nat'l Biological Svc ¹³ ¹²	NA	NA	NA	NA	NA	NA	.0	110.3	150.7	NA	NA
National Park Service ¹³	18.5	19.4	19.4	20.1	27.5	31.1	38.1	24.2	19.7	19.8	20.8
Office of the Secretary	2.0	.4	.4	.2	.6	.9	.4	.1	-	-	.0
Office of Surface Mining Reclamation & Enforcement ...	1.0	1.0	.7	.8	1.0	.3	.4	.0	.0	.0	.0
US Fish & Wildlife Svc ¹³	51.7	59.0	58.8	67.3	73.6	76.6	75.5	.0	.0	.0	.0
Department of Justice, total	38.7	48.1	36.0	38.2	40.4	42.9	46.2	42.0	49.0	76.9	93.8
Bureau of Prisons ¹⁴	6.9	6.0	3.8	3.2	5.7	5.9	6.1	5.4	5.7	4.7	4.7
Drug Enforcement Admin	2.2	2.5	2.7	2.4	2.8	1.5	1.1	1.7	.4	1.2	.5
Federal Bureau of Investigation	6.6	12.7	6.5	8.2	10.8	10.9	11.3	7.0	10.9	36.8	34.8
Immigration & Naturalization Service .....	.4	5.2	.4	.4	.4	.4	.4	.4	.4	.4	.4
Office of Justice Programs	22.4	21.6	22.5	24.0	20.7	24.1	27.2	27.6	31.5	33.8	53.3
Office of Legal Policy .....	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Department of Labor, total	20.3	31.8	28.9	45.2	45.6	70.8	57.8	60.7	51.7	48.1	45.7
Bureau of Labor Statistics	6.5	7.0	7.0	7.3	7.5	7.6	6.9	7.1	13.1	13.3	12.6
Employment Standards Admin ...	1.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
Employment & Training Admin ...	4.4	11.2	9.2	25.6	23.7	51.0	39.2	41.8	23.1	23.4	21.1
Labor-Management Relations & Cooperative Programs .....	.3	.4	.3	NA	NA	NA	NA	NA	NA	NA	NA
Occupational Safety & Health Administration	4.1	4.2	4.5	2.5	2.6	3.1	2.5	3.2	4.3	3.1	3.6
Office of the Secretary	2.7	6.1	6.1	7.1	8.7	5.7	5.4	5.2	6.2	5.4	5.4
Pension Benefit Guaranty Corp ..	.3	.3	.3	.5	.5	.9	1.3	.7	1.4	.6	.7
Pension & Welfare Benefits Administration	1.0	2.6	1.3	2.1	2.5	2.6	2.6	2.7	3.6	2.3	2.3
Department of State ¹⁵	3.0	4.2	4.7	4.7	5.9	5.6	5.3	8.2	5.0	4.3	4.3

See explanatory information, if any, and SOURCE at end of table.

**Table C-91a. Federal outlays for research and development, by agency:
fiscal years 1987-97**

[Dollars in millions]

Page 3 of 4

Agency and subdivision	1987	1988	1989	1990	1991	1992	1993	1994	1995	Preliminary	
										1996	1997
Dept of Transportation, total	336.6	321.0	278.6	270.6	342.6	394.0	425.2	519.9	634.7	531.4	840.4
Coast Guard	17.8	14.6	18.1	21.0	14.5	22.4	31.7	25.5	20.6	23.6	24.0
Federal Aviation Admin	180.1	179.6	141.0	169.2	199.6	234.9	234.5	247.2	256.8	261.6	242.9
Federal Highway Admin	76.0	60.1	76.5	44.0	86.1	81.2	87.1	174.7	249.6	133.2	455.6
Federal Railroad Admin	10.9	10.3	6.7	7.0	12.8	20.6	21.6	18.6	21.5	34.2	28.2
Federal Transit Admin ¹⁶	9.4	1.4	2.0	2.3	2.1	1.5	14.3	18.5	33.4	27.7	22.1
Maritime Administration	7.2	2.6	.0	.9	1.5	1.7	1.7	1.7	2.3	.3	1.8
National Highway Traffic Safety Administration	28.4	45.2	28.5	16.9	19.2	24.5	28.3	26.9	41.4	39.2	51.8
Office of the Secretary	4.7	5.2	4.2	6.9	4.7	5.0	4.4	2.5	4.0	2.8	2.8
Rsch & Special Programs Administration	2.1	2.0	1.6	2.4	2.2	2.3	1.7	4.1	4.9	8.8	11.2
Dept of the Treasury, total	26.3	25.7	23.4	25.1	30.3	24.4	16.5	18.9	61.4	63.6	64.0
Bureau of Engraving & Printing	4.5	2.0	1.7	2.1	3.5	2.0	3.2	1.7	1.8	2.2	2.0
Financial Crimes Enforcement Network .....	.0	.0	.0	.0	1.8	1.5	1.5	.0	.0	.0	.0
Internal Revenue Svc ^{17 18}	14.1	14.0	14.0	16.3	17.3	17.3	6.5	11.3	49.7	50.6	54.3
Off of Thrift Supervision ¹⁹	NA	NA	NA	.0	3.0	.8	.7	.5	.6	.5	.6
United States Customs Svc	7.0	9.2	6.8	6.2	3.7	2.2	4.0	4.5	8.5	9.5	6.4
United States Mint .....	.1	.2	.3	.1	.5	.0	-	.4	.3	.2	.1
US Secret Service ²⁰ .....	.5	.4	.6	.5	.4	.5	.6	.5	.5	.6	.6
Department of Veterans Affairs	195.1	197.3	184.9	206.6	213.4	202.1	246.0	240.8	251.1	255.5	256.9
Other agencies:											
Advisory Commission on Intergovernmental Relations	1.6	1.4	1.2	1.2	1.2	1.5	2.1	1.4	1.4	1.4	.0
Appalachian Regional Comm .....	.1	.2	.8	.4	.7	1.9	.9	.9	.9	.9	.9
Consumer Product Safety Comm	2.1	1.2	1.3	1.2	1.3	1.2	1.2	.4	.4	.1	-
Environmental Protection Agcy	325.9	340.0	343.2	388.5	400.1	411.9	495.2	553.5	492.5	419.3	520.8
Federal Communications Comm	1.0	1.2	1.1	1.3	1.4	1.6	1.6	1.7	2.3	2.8	2.7
Federal Trade Commission .....	.5	.4	.4	.5	1.0	1.3	.9	.7	.6	1.0	1.0
General Services Admin	1.6	2.3	.5	.7	.0	.0	.0	.0	.0	.0	.0
International Development Cooperation Agcy, total	248.7	216.6	279.1	334.0	344.0	205.9	321.7	372.6	256.8	277.7	244.4
Agcy for Internat'l Dvlpm ^{t15}	248.7	216.6	279.1	334.0	344.0	205.9	321.7	372.6	256.8	277.7	244.4
Library of Congress	6.5	7.1	8.0	8.4	8.6	10.0	10.7	12.5	7.7	11.0	8.3
National Aeronautics & Space Administration	3,250.4	3,831.7	4,974.8	6,324.3	7,071.2	7,616.5	8,087.0	8,023.3	8,600.7	9,484.1	9,350.4
Nat'l Archives & Records Admin	1.1	.7	.3	.4	.7	.7	.3	.3	.1	.1	.1
National Science Foundation	1,410.0	1,494.0	1,556.7	1,524.9	1,630.6	1,732.7	1,754.2	1,873.0	1,876.0	2,051.0	2,146.0
Nuclear Regulatory Commission	124.4	113.5	113.2	111.5	107.5	116.5	119.6	92.4	88.8	66.4	59.1
Office of Thrift Supervision ¹⁹	3.4	3.4	4.1	4.1	NA	NA	NA	NA	NA	NA	NA
Smithsonian Institution	69.9	73.2	79.8	90.8	94.0	94.2	96.0	121.2	119.0	120.0	131.0
Social Security Admin ¹¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.3	27.7

See explanatory information, if any, and SOURCE at end of table.

**Table C-91a. Federal outlays for research and development, by agency:
fiscal years 1987-97**

[Dollars in millions]

Page 4 of 4

Agency and subdivision	1987	1988	1989	1990	1991	1992	1993	1994	1995	Preliminary	
										1996	1997
Tennessee Valley Authority	76.5	86.4	61.6	61.8	68.6	98.8	108.6	97.9	93.1	103.4	77.0
United States Arms Control & Disarmament Agency ²¹	3.6	3.4	2.8	.2	.4	2.1	1.5	1.3	1.1	.5	1.0
US Information Agency	10.0	1.5	1.0	.0	.2	.2	.2	.6	.3	.2	.1
US Internat'l Trade Comm	7.2	8.1	8.7	9.1	9.9	12.3	12.2	9.4	12.2	12.7	12.5

- ¹ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.
- ² The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- ³ The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- ⁴ The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.
- ⁵ The Federal Grain Inspection Service was abolished on Oct. 20, 1994, and its functions were assumed by the Grain Inspection Packers & Stockyards Administration.
- ⁶ This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.
- ⁷ In fiscal year 1991 Human Development Services was replaced by the Administration for Children & Families (ACF) and by the Administration on Aging (AoA). Beginning in fiscal year 1992, data shown for the ACF are separate from obligations for the AoA.
- ⁸ Obligations reported for the Administration for Children & Families may be incomplete for fiscal year 1992 due to unavailability of data.
- ⁹ In fiscal year 1991 the Agency for Health Care Policy & Research became separate from the Office of the Assistant Secretary for Health.
- ¹⁰ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- ¹¹ As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.
- ¹² As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- ¹³ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- ¹⁴ The Bureau of Prisons was formerly listed as the Federal Prison System.
- ¹⁵ Increases in outlays and obligations reported by the Department of State during the Vol. 44 survey cycle reflect reporting of monies received through interagency agreements with the Agency for International Development. The Department of State transfers these outlays and obligations to other R&D performers.
- ¹⁶ The name of this agency changed from the Urban Mass Transit Administration to the Federal Transit Administration on Dec. 18, 1991.
- ¹⁷ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Vol. 41 submission.
- ¹⁸ Large changes in obligations reported by the Internal Revenue Service for Vol. 44 are due to shifts in research funding.
- ¹⁹ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.
- ²⁰ The United States Secret Service was formerly listed as the Office of Protective Research.
- ²¹ Fiscal year 1994 figures for the United States Arms Control & Disarmament Agency are estimates based on the agency's Vol. 43 submission.

NOTES: Because of rounding, detail may not add to totals.

Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: - = Amount less than 50 thousand dollars
NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table C-92. Federal outlays for R&D plant, by agency:
fiscal years 1976-86**

[Dollars in millions]

Page 1 of 2

Agency and subdivision	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total, all agencies	800.6	800.2	1,107.8	1,202.8	1,481.7	1,606.7	1,376.1	1,299.9	1,639.2	1,688.9	1,481.2
Departments:											
Dept of Agriculture, total	8.8	22.5	18.6	21.7	27.7	39.0	21.3	32.8	29.2	34.3	35.0
Agricultural Research Svc	NA	NA	NA	NA	NA	35.8	18.5	30.7	25.0	26.7	32.4
Cooperative State Rsch, Ed, & Extension Service	NA	NA	NA	NA	NA	.0	.0	.8	3.8	6.9	1.6
Forest Service	3.4	3.5	2.1	3.5	3.6	3.2	2.7	1.3	.4	.7	1.0
Science & Ed Admin, total	5.5	19.0	16.5	18.2	24.1	NA	NA	NA	NA	NA	NA
Agricultural Research Svc	5.5	18.9	16.5	18.2	24.1	NA	NA	NA	NA	NA	NA
Cooperative State Rsch Svc ..	.0	.1	.0	.0	.0	NA	NA	NA	NA	NA	NA
Department of Commerce, total	7.8	5.7	3.5	1.9	4.8	1.3	1.0	.7	9.2	4.3	7.4
Maritime Administration ¹	1.6	3.7	.3	.5	.6	NA	NA	NA	NA	NA	NA
National Institute of Standards & Technology	1.1	.6	.9	1.4	.3	.5	1.0	.7	9.2	4.3	6.0
National Oceanic & Atmospheric Administration	5.1	1.4	2.3	.0	3.9	.8	.0	.0	.0	.0	1.5
Department of Defense, total	144.2	125.6	312.6	235.8	204.7	238.5	231.7	267.7	380.1	401.7	280.6
Department of the Army	20.6	14.8	6.8	2.1	7.6	8.9	13.5	21.5	34.4	53.4	55.0
Department of the Navy	59.3	63.6	49.1	52.9	90.9	92.2	125.3	136.7	150.3	143.8	130.7
Department of the Air Force	57.1	40.0	250.1	164.9	103.0	130.0	67.7	103.7	191.2	199.8	89.1
Defense Agencies	7.2	7.2	6.6	15.9	3.2	7.4	25.2	5.8	4.2	4.7	5.8
Department of Education ²	NA	NA	NA	.0	.0	.0	.0	.0	.0	.0	.8
Department of Energy ^{3 4}	NA	427.1	481.3	653.5	962.8	1,084.5	943.3	824.5	916.1	855.3	725.8
Department of Health, Education, & Welfare, total	52.4	45.6	68.0	NA	NA	NA	NA	NA	NA	NA	NA
Food & Drug Administration .....	.5	4.3	1.2	NA	NA	NA	NA	NA	NA	NA	NA
National Insts of Health	51.9	41.3	66.8	NA	NA	NA	NA	NA	NA	NA	NA
Department of Health & Human Services, total	NA	NA	NA	73.4	76.9	42.6	36.8	26.5	34.6	42.6	32.7
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	.4	.1	.1	.4	1.0	4.1	1.4	.5
Food & Drug Administration	NA	NA	NA	.6	.7	.5	1.0	2.1	10.0	15.0	10.0
National Insts of Health	NA	NA	NA	72.5	76.0	42.0	35.4	23.4	20.5	26.2	22.2
Dept of the Interior, total .....	.8	4.4	7.7	9.0	8.7	4.1	1.3	2.4	5.2	4.2	6.1
Bonneville Power Admin ⁴ .....	.1	.0	.0	.0	.0	.3	NA	NA	NA	NA	NA
Bureau of Mines .....	.0	2.9	.1	4.3	2.4	2.1	.2	.1	.1	.0	.0
Geological Survey ⁵ .....	.0	.0	.0	.0	.0	.0	.0	1.5	1.1	.9	.9
National Park Service	-	-	.0	.0	.0	.0	.0	.0	.0	.0	.0
Office of Surface Mining Reclamation & Enforcement ...	NA	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
Office of Water Rsch & Tech ⁵ ....	.0	.9	.6	.7	.7	.8	.9	.0	.0	NA	NA
US Fish & Wildlife Svc .....	.7	.6	7.0	4.0	5.3	1.0	.3	.8	4.0	3.3	5.2

See explanatory information, if any, and SOURCE at end of table.

**Table C-92. Federal outlays for R&D plant, by agency:
fiscal years 1976-86**

[Dollars in millions]

Page 2 of 2

Agency and subdivision	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Department of State, total ⁶	1.2	4.0	0.1	.0	.0	.0	.0	.0	.0	.0	.0
Agcy for Internat'l Dvlpmnt ⁶	1.2	4.0	.1	NA	NA	NA	NA	NA	NA	NA	NA
Dept of Transportation, total	12.1	17.5	13.2	16.2	16.3	16.2	13.0	9.9	12.9	14.1	15.5
Coast Guard .....	.5	.5	.7	.0	.0	.0	.0	.0	.0	.0	.0
Federal Aviation Admin	1.9	3.0	1.0	9.5	5.5	6.1	4.3	9.2	12.4	13.6	14.3
Federal Highway Admin .....	.4	.4	.4	.2	.3	2.8	.0	.0	.0	.0	.7
Federal Railroad Admin	8.0	11.7	10.9	6.3	10.3	6.8	8.2	.2	.0	.0	.0
Federal Transit Admin	1.3	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
National Highway Traffic Safety Administration .....	.0	.2	.2	.2	.2	.5	.5	.5	.5	.5	.5
Dept of the Treasury, total .....	.1	.1	-	-	-	.1	.1	.1	.1	.1	.1
United States Customs Svc .....	.1	.1	-	-	-	.1	.1	.1	.1	.1	.1
United States Secret Service	NA	NA	NA	NA	.0	.0	.0	.0	.0	.0	.1
Department of Veterans Affairs	11.8	5.9	9.7	2.8	4.2	6.5	2.9	10.6	4.6	7.6	3.9
Other agencies:											
Consumer Product Safety Comm ...	.2	.0	.3	2.7	2.7	.0	.0	.0	.0	.0	.0
Energy Rsch & Dvlpmnt Admin ³	364.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agcy	6.7	1.6	2.2	2.4	.0	.0	.0	.0	.0	.0	.0
General Services Admin ⁷ .....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
International Development Cooperation Agcy, total ⁶	NA	NA	NA	4.5	6.6	6.2	10.3	12.3	11.4	12.8	14.0
Agcy for Internat'l Dvlpmnt ⁶	NA	NA	NA	4.5	6.6	6.2	10.3	12.3	11.4	12.8	14.0
National Aeronautics & Space Administration	120.9	105.0	124.3	132.7	140.3	146.9	112.2	108.1	191.9	246.8	299.1
National Science Foundation	50.1	25.1	38.0	29.4	17.6	12.7	1.5	2.9	43.0	64.0	57.3
Nuclear Regulatory Commission	3.5	6.1	6.2	8.0	7.4	7.3	.0	.0	.0	.0	.0
Smithsonian Institution .....	.1	.3	.1	.6	.4	.4	.4	1.1	.6	.9	1.5
Tennessee Valley Authority	15.7	3.7	21.9	8.2	.6	.4	.2	.4	.2	.3	.6

¹ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

² The 1983 Budget of the United States Government proposed that the Department of Education be replaced by the Foundation for Educational Assistance.

³ In 1977 the Energy Research & Development Administration became part of the Department of Energy.

⁴ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

⁵ As of 1985 the Office of Water Research & Technology has been combined with the Geological Survey.

⁶ The Agency for International Development transferred from the Department of State to the International Development Cooperative Agency on Oct. 1, 1979.

⁷ As of 1985 the National Archives & Records Administration is separate from the General Services Administration.

NOTES: Because of rounding, detail may not add to totals.

Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: - = Amount less than 50 thousand dollars

NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table C-92a. Federal outlays for R&D plant, by agency:
fiscal years 1987-97**

[Dollars in millions]

Page 1 of 2

Agency and subdivision	1987	1988	1989	1990	1991	1992	1993	1994	1995	Preliminary	
										1996	1997
Total, all agencies	1,602.4	1,817.2	2,026.1	2,015.8	2,546.1	2,784.5	3,144.5	2,177.1	2,035.4	2,303.1	2,426.9
Departments:											
Dept of Agriculture, total	71.1	78.5	92.3	124.2	80.1	136.8	149.5	132.9	128.4	149.2	153.6
Agricultural Research Svc ¹	63.3	58.3	51.7	55.3	49.4	69.4	89.2	75.3	79.1	87.9	96.6
Animal & Plant Health											
Inspection Service .....	.0	.5	.3	6.1	.0	.0	.0	.0	.0	1.5	.0
Cooperative State Rsch, Ed,											
& Extension Service ²	7.0	17.5	38.6	58.0	15.5	60.2	53.8	52.8	45.1	57.3	55.0
Forest Service .....	.8	2.2	1.7	4.9	15.1	7.2	6.5	4.9	4.3	2.5	2.0
Department of Commerce, total	4.2	10.9	9.1	14.7	15.5	21.3	22.4	12.9	23.5	31.7	48.6
Economic Development Admin .....	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0
National Institute of											
Standards & Technology	2.1	10.1	8.5	8.1	8.3	11.4	9.6	12.7	23.0	31.4	48.3
National Oceanic &											
Atmospheric Administration	2.1	.5	.5	6.6	7.3	9.9	12.8	.3	.5	.3	.3
Department of Defense, total	357.3	416.2	415.6	436.8	433.7	410.9	373.2	261.0	83.0	93.2	51.3
Department of the Army	60.7	61.8	39.7	46.8	65.0	22.0	7.0	3.8	4.2	5.2	4.6
Department of the Navy	65.0	78.8	84.5	101.2	87.0	111.0	73.5	62.9	37.5	18.9	9.7
Department of the Air Force	194.3	207.5	199.7	200.2	218.2	186.3	231.0	153.7	26.9	28.5	25.1
Defense Agencies	37.4	68.1	91.8	88.6	63.5	91.6	61.7	40.6	14.4	40.6	11.9
Department of Education	15.8	11.1	2.3	2.8	2.6	2.5	12.8	1.9	1.0	6.4	.6
Department of Energy	721.3	779.0	838.3	856.9	1,099.8	1,198.0	1,483.2	921.8	864.1	870.5	915.7
Department of Health & Human											
Services, total	31.5	30.7	56.0	55.1	194.8	96.7	149.3	134.2	267.0	315.0	435.9
Alcohol, Drug Abuse, & Mental											
Health Administration ³ .....	.6	.0	.0	.0	.0	NA	NA	NA	NA	NA	NA
Food & Drug Administration	1.9	1.7	2.0	1.0	18.4	14.3	19.7	21.9	16.7	23.3	14.9
Hlth Resources & Svcs Admin .....	.0	.0	.0	.0	.0	.3	1.4	1.4	1.6	1.0	1.0
National Insts of Health ³	29.0	29.0	54.0	54.1	176.4	82.1	128.2	110.9	248.8	290.7	420.0
Social Security Admin ⁴ .....	.0	.0	.0	.0	-	.0	.0	.0	.0	NA	NA
Dept of the Interior, total	4.8	5.1	6.8	10.5	20.7	17.8	20.8	7.5	6.5	2.4	7.0
Bureau of Mines .....	.0	.0	2.1	3.0	1.5	.0	.0	.0	.0	NA	NA
Geological Survey ⁵ .....	.8	.8	1.4	1.3	2.9	4.4	4.0	6.3	5.3	1.4	6.0
Minerals Management Service .....	.0	.0	.0	.2	.2	.7	1.0	1.1	1.0	1.0	1.0
Nat'l Biological Svc ^{6 5}	NA	NA	NA	NA	NA	NA	.0	.1	.3	NA	NA
US Fish & Wildlife Svc ⁶	4.0	4.3	3.4	6.0	16.1	12.7	15.8	.0	.0	.0	.0
Department of Justice, total .....	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Federal Bureau of											
Investigation .....	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

See explanatory information, if any, and SOURCE at end of table.

**Table C-92a. Federal outlays for R&D plant, by agency:
fiscal years 1987-97**

[Dollars in millions]

Page 2 of 2

Agency and subdivision	1987	1988	1989	1990	1991	1992	1993	1994	1995	Preliminary	
										1996	1997
Dept of Transportation, total	11.2	11.1	12.9	16.7	18.4	17.1	30.0	17.0	26.7	19.7	23.8
Coast Guard .....	.0	.3	.0	.4	.4	.4	.5	.5	.5	.5	.5
Federal Aviation Admin	10.4	10.5	12.6	16.3	16.5	15.9	25.6	11.7	14.0	16.0	18.0
Federal Highway Admin .....	.3	.0	.0	.0	.0	.0	.4	3.8	10.9	.3	1.2
Federal Railroad Admin .....	.0	.2	.3	-	1.5	.8	1.3	1.0	1.3	2.8	4.0
Federal Transit Admin ⁷ .....	.0	.0	.0	.0	.0	.0	2.2	.0	.0	.0	.0
National Highway Traffic Safety Administration .....	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Dept of the Treasury, total .....	.1	.1	.1	.1	.1	.1	.2	1.9	.2	.2	.2
Bureau of Engraving & Printing .....	.0	.0	.0	.0	.0	.0	.0	1.7	.0	.0	.0
United States Customs Svc .....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
US Secret Service ⁸	-	-	-	-	-	-	-	-	-	-	-
Department of Veterans Affairs	3.7	4.6	1.5	12.4	8.2	5.5	4.8	5.2	7.2	3.6	4.3
Other agencies:											
Environmental Protection Agcy .....	.0	.0	.0	.0	.0	.0	2.5	4.8	3.0	3.0	3.0
General Services Admin .....	.0	.0	.0	.0	3.6	20.9	7.6	5.5	1.3	1.2	1.1
International Development Cooperation Agcy, total	14.4	12.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
Agcy for Internat'l Dvlpmt ⁹	14.4	12.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
National Aeronautics & Space Administration	313.9	398.7	531.3	437.9	603.8	770.2	798.4	553.5	515.4	590.1	488.9
National Science Foundation	49.9	56.7	56.7	38.1	56.5	80.9	87.5	110.6	101.0	210.0	287.0
Smithsonian Institution	1.6	1.6	2.8	4.6	4.5	1.2	1.2	6.2	6.0	6.0	6.0
Tennessee Valley Authority .....	.4	.5	.2	4.9	3.7	4.6	1.0	.0	1.0	1.0	.0
United States Arms Control & Disarmament Agency ¹⁰	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.

³ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

⁴ As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.

⁵ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.

⁶ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.

⁷ The name of this agency changed from the Urban Mass Transit Administration to the Federal Transit Administration on Dec. 18, 1991.

⁸ The United States Secret Service was formerly listed as the Office of Protective Research.

⁹ Increases in outlays and obligations reported by the Department of State during the Vol. 44 survey cycle reflect reporting of monies received through interagency agreements with the Agency for International Development. The Department of State transfers these outlays and obligations to other R&D performers.

¹⁰ Fiscal year 1994 figures for the United States Arms Control & Disarmament Agency are estimates based on the agency's Vol. 43 submission.

NOTES: Because of rounding, detail may not add to totals.

Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: - = Amount less than 50 thousand dollars
NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997